

April 7, 2003
Job No. 108-30

Kyle Boylen, Public Works Director
City of Elgin
P.O. Box 128
Elgin, Oregon 97827

RE: Scope of Work and Estimated Cost for Evaluation/Rehabilitation of Wells No. 2 and 3

Dear Kyle:

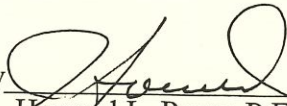
In accordance with your request, I have developed a draft Scope of Work and estimated cost for evaluating and rehabilitating Wells No. 2 and 3 for your review and comment. The Scope of Work is progressive, and some of the action items may or may not be performed depending on what is found in earlier steps. For example, well rehabilitation may not be necessary after television inspection of the well is performed, etc. I would very much appreciate it if you could review this Scope of Work and let me know if this meets your intent. We can modify the scope as necessary.

The estimated cost of completing all of the various work tasks, not including a new pump and motor, could range from \$25,000 to \$30,000 for each well. This number will vary depending on the actual cost of pulling and resetting the pumps, the actual type and amount of rehabilitation work on the well if any is needed, and the condition of the existing pumps, etc. Upon completion of action items 1 and 2, we may determine it is not cost-effective to proceed further, or we may decide that further action is required.

I hope this information is what you are looking for. If you need additional information or would like to modify the approach or budget, please feel free to let me know.

Very truly yours,

ANDERSON-PERRY & ASSOCIATES, INC.

By 
Howard L. Perry, P.E.

HLP/dl

Enclosure

cc: Joe Garlitz, City Administrator/Recorder
File No. 108-30-02

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CITY OF ELGIN, OREGON
ACTION ITEMS
REHABILITATION - WELLS 2 AND 3
(Each Well)

1. Review existing well records and establish accurate baseline data (flow, drawdown, construction, etc.).
2. Perform pump test utilizing existing pump (12-24 hours).
3. Pull pump and motor, if deemed necessary. (Inspect pump condition.)
4. Television inspect well.
5. Evaluate whether down-hole rehabilitation work is needed (i.e., clean, sonojet, etc.).
6. Perform any down-hole rehabilitation work required.
7. Evaluate whether a new pump and motor is required for efficiency and/or reliability.
8. Install pump and motor (new or existing).
9. Perform updated pump tests, if necessary.
10. Prepare a summary report documenting the current conditions and historical data.